

ER-2 - AFRC #809 02/10/21

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 21-9029

Payload Configuration: AVIRIS, MASTER

Nav Data Collected: Yes

Total Flight Time: 5.3 hours

Comments: This was the first science flight with the WDTs payload. Target was the Santa Barbara box. Take off occurred 0910 local. Instruments ran perfectly. Flew West to East, first two lines 100% clear. From there forward about 98-99% clear. Clouds were over islands themselves, water was clear. Last line had some buildup of cumulus over the inland mountains. Landed 1428L. Greg Nelson was the pilot.

Submitted by: Fran Becker on 02/10/21

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | PMD | To: | PMD |
| Start: | 02/10/21 17:10 Z | Finish: | 02/10/21 22:28 Z |
| Flight Time: | 5.3 hours | | |
| Log Number: | 212023 | PI: | Robert Green |
| Funding Source: | Jack Kaye - NASA - SMD - ESD Director Research and Analysis | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 2027 miles | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 212023 |
| Flight Hours Approved in SOFRS | 45 |
| Total Used | 45.8 |
| Total Remaining | -0.8 |

212023 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 02/09/21 | 21-9028 | Check | 2.2 | 2.2 | 42.8 | 477 |
| 02/10/21 | 21-9029 | Science | 5.3 | 7.5 | 37.5 | 2027 |
| 02/24/21 | 21-9030 | Science | 3.5 | 11 | 34 | 0 |
| 03/16/21 | 21-9032 | Science | 3 | 14 | 31 | 0 |
| 03/24/21 | 21-9035 | Science | 5.8 | 19.8 | 25.2 | 0 |
| 03/26/21 | 21-9036 | Science | 7 | 26.8 | 18.2 | 2577 |
| 03/29/21 | 21-9037 | Science | 6 | 32.8 | 12.2 | 1268 |
| 03/30/21 | 21-9038 | Science | 5.7 | 38.5 | 6.5 | 2087 |
| 04/02/21 | 21-9039 | Science | 7.3 | 45.8 | -0.8 | 3058 |

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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